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Anti-SAP49 Antibody

Our Anti-SAP49 primary antibody from PhosphoSolutions is mouse monoclonal. It detects human, mouse,
Catalog # AN1548

Product Information

Application	WB, IHC, ICC
Primary Accession	Q15427
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Names	3A1
Calculated MW	44386

Additional Information

Gene ID	10262
Other Names	AFD1 antibody, Hsh49 antibody, MGC10828 antibody, Pre mRNA splicing factor SF3b 49 kDa subunit antibody, Pre-mRNA-splicing factor SF3b 49 kDa subunit antibody, SAP 49 antibody, SAP49 antibody, Sf3b4 antibody, SF3B4 antibody, SF3B4_HUMAN antibody, SF3b49 antibody, SF3b50 antibody, Spliceosomal protein antibody, Spliceosome associated protein (U2 snRNP) antibody, Spliceosome associated protein 49 antibody, Spliceosome-associated protein 49 antibody, Splicing factor 3b subunit 4 49kDa antibody, Splicing factor 3B subunit 4 antibody
Target/Specificity	The spliceosome associated protein of ~49 kDa (SAP49), also known as SF3B4, is a widely expressed nuclear splicing factor that has been shown to have RNA binding activity as well as direct interaction with SAP145 (Champion-Arnaud and Reed 1994). The SAP145-SAP49 complex has recently been implicated in cell cycle progression as Vpr (viral protein 1 of HIV-1) has been shown to bind SAP145 thus interfering with the proper formation and functioning of the SAP145-SAP49 complex (Terada and Yasuda 2006).
Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Format	Protein G Purified
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-SAP49 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

The spliceosome associated protein of ~49 kDa (SAP49), also known as SF3B4, is a widely expressed nuclear splicing factor that has been shown to have RNA binding activity as well as direct interaction with SAP145 (Champion-Arnaud and Reed 1994). The SAP145-SAP49 complex has recently been implicated in cell cycle progression as Vpr (viral protein 1 of HIV-1) has been shown to bind SAP145 thus interfering with the proper formation and functioning of the SAP145-SAP49 complex (Terada and Yasuda 2006).

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